

AMENDMENTS TO THE SPECIFICATION

1. Pursuant to 37 C.F.R. § 1.121(b), this separate paper is submitted showing the amendments to the Specification.

2. Please replace the paragraph in the Specification at 24:15-22 beginning “Figs 27a and 27b show . . .” and ending “there is good agreement.” as follows:

Figs 27a and 27b show the results of evaluations of the accuracy of FEA for use in predicting nugget formation. The basis for both Figs 27a and 27b is two sheets of 2.0 mm ~~galvanized steel~~ aluminum as the workpiece and a pair of dome-shaped electrodes. To conform to the FEA analyses, the results as reported herein are for half-dimensions. Actual nugget sizes are double those shown. Fig. 27a shows the results of experimental and predicted nugget size versus weld cycles at 26 KA and a weld force of 800 pounds-force. Fig. 27b shows results at 29.5 KA and 1100 pounds-force. As Figs 27a and 27b show, there is good agreement.